| Ina | lex of | Claims |  |
|-----|--------|--------|--|
|     |        |        |  |

| Application No.    | Applicant(s)  |
|--------------------|---------------|
| 10/780,632         | TANNER, TEEMU |
| Examiner           | Art Unit      |
| Kenneth B Rinehart | 3749          |

| 7  | Rejected |  |
|----|----------|--|
| 11 | Allowed  |  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |          |              |  |              |  |          |          |          |  |   |   | _        |          |              | ш               |          |          |          |          |          |          |          |     |          |            |          |          |          |          |          |          |          |          |            |
|--------------|----------|--------------|--|--------------|--|----------|----------|----------|--|---|---|----------|----------|--------------|-----------------|----------|----------|----------|----------|----------|----------|----------|-----|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| Cla          | aim      | Date         |  |              |  |          |          |          |  | Claim Date Claim Date   |   |          |          |              |                 |          |          |          |          |          |          | $\neg$   |     |          |            |          |          |          |          |          |          |          |          |            |
|              |          | 5/1/05       |  |              |  |          | Ī        |          |  |   |   |          |          |              |                 |          | Ī        |          |          |          |          |          | Ì   |          |            |          |          |          |          |          |          |          |          |            |
| Finat        | Original | 17/5         |  |              |  |          |          |          |  |   |   | Final    | Original |              |                 |          |          |          |          |          |          |          |     | Finaî    | Original   |          |          |          |          |          |          |          |          |            |
|              | 1        |              |  |              |  |          |          |          |  |   |   |          | 51       |              |                 |          |          |          |          |          |          |          |     |          | 101        |          |          |          |          |          |          | 一        |          |            |
| 2            | 2        | =            | _  | L            | L  |          |          |          |  |   |   |          | 52       |              |                 |          |          |          |          |          |          |          |     |          | 102        |          |          |          |          |          |          |          |          | $\Box$     |
| 10           | 3        | =            |  |              |  |          |          |          |  | _   |   |          | 53       | <u> </u>     |                 |          | _        |          | _        | _        |          | _        | 1   |          | 103        |          |          | _        |          |          |          | $\Box$   |          | $\Box$     |
| 15           | 4        | =            | _  | _            |  | ↓_       | _        | ┡        | <u> </u>   | <u> </u>  | ļ |          | 54       | _            |                 |          |          | _        | _        | _        |          | _        | ļ   |          | 104        | Ш        |          | _        | _        |          | _        | _        | _        | _          |
| 16           | 5        | =            | <u> </u>   | <u> </u>     | _  | -        | <u> </u> | <u> </u> | ┡  |   |   |          | 55       | <u> </u>     | $\vdash$        | _        | _        | _        | _        | _        | _        | _        | -   |          | 105        |          |          | 4        | _        |          | Щ        | _        | _        | _          |
| 17           | 6        | 12           | -  | ⊢            | -  | ├        | ⊢        | ⊢        | ▙  |   |   |          | 56       |              | $\vdash$        |          |          | $\dashv$ | $\dashv$ | _        | _        | _        | -   |          | 106        | $\vdash$ |          | 4        | _        |          |          |          | $\dashv$ | $\dashv$   |
| 18           | 8        | =            | ┝  | ├-           | <u> </u>   | -        | H        | $\vdash$ | ├  |   |   | -        | 57<br>58 |              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        |          | - 1 |          | 107<br>108 | -        | $\dashv$ | -        |          |          | -        | $\dashv$ | $\dashv$ | $\dashv$   |
| 20           | 9        | =            | $\vdash$   | ┝            | ┢  | ┢        | ⊢        | $\vdash$ | $\vdash$   | $\vdash$  |   |          | 59       |              | -               | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -   |          | 109        | -        | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ | $\dashv$ | $\dashv$   |
| 20<br>3<br>4 | 10       | =            | -  | ┢            | $\vdash$   | $\vdash$ | ⊢        | $\vdash$ | $\vdash$   | -   |   |          | 60       | $\vdash$     |                 |          |          | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | -   |          | 110        | H        | $\dashv$ | -        | -        | -        | -        | $\dashv$ | $\dashv$ | $\dashv$   |
| 4            | 11       | =            | _  | 一            | _  | -        | $\vdash$ | $\vdash$ |  | -   |   |          | 61       |              |                 |          | $\dashv$ | $\dashv$ | -        |          | -        | $\dashv$ | ŀ   |          | 111        |          | $\dashv$ | ᅥ        | -        | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$   |
| 11           | 12       | =            |  |              |  |          | T        | T        | ┢  | -   |   |          | 62       |              | $\exists$       |          | $\neg$   | ᅥ        | ┪        | $\neg$   | $\dashv$ | $\dashv$ | ì   | $\neg$   | 112        |          | -        | $\dashv$ | $\neg$   |          | Н        | ┪        | $\dashv$ | $\dashv$   |
| 5            | 13       | =            |  |              |  |          |          | T        |  |   |   |          | 63       | _            |                 |          | 一        | $\neg$   | $\neg$   |          |          | $\dashv$ | 1   |          | 113        |          |          |          | $\neg$   |          |          | ヿ        | ┪        | $\dashv$   |
| 12           | 14       | =            |  |              |  | T        | Г        |          |  |   |   |          | 64       |              |                 |          |          |          |          |          |          | $\neg$   | - 1 |          | 114        |          |          |          |          | $\neg$   |          | コ        |          | $\neg$     |
| 6            | 15       | =            |  |              |  |          |          |          |  |   |   |          | 65       |              |                 |          |          |          | T        |          |          | $\neg$   | Ī   |          | 115        |          |          |          |          |          |          | ヿ        | $\neg$   | $\neg$     |
| 13           | 16       | =            |  |              |  |          |          |          |  |   |   |          | 66       |              |                 |          |          |          |          |          |          |          |     |          | 116        |          |          |          |          |          |          |          |          |            |
| Z            | 17       | =            |  |              |  | <u> </u> |          | Ш        |  |   |   |          | 67       |              |                 |          |          |          |          |          |          |          |     |          | 117        |          |          |          |          |          |          |          |          |            |
| 14           | 18       | =            | <u>_</u>   |              |  |          |          |          |  |   |   |          | 68       | L            |                 |          | _        | _        | $\Box$   |          |          |          | - L |          | 118        |          |          |          |          |          |          |          |          |            |
| 8            | 19       | =            | L  | _            | _  |          |          | Ш        | Ш  |   |   |          | 69       |              |                 |          | _        | _        | _        | _        | _        | _        | ļ   |          | 119        |          | $\perp$  |          |          |          |          | _        |          |            |
| 9            | 20       | =            | _  | _            | _  | <u> </u> | _        | <u> </u> | _  | $ldsymbol{ld}}}}}}$ |   |          | 70       |              |                 |          | _4       | _        | _        |          | _        | _        | ļ   |          | 120        |          | $\Box$   | _        |          | _        |          | _        | _        | _          |
|              | 21       | =            | L  | <u> </u>     | <u> </u>   | -        | <u> </u> | <u> </u> | L  | $\vdash$  |   |          | 71       | _            |                 |          |          |          | _        | $\dashv$ | _        | 4        | ļ   |          | 121        |          | _        | _        |          |          |          | _        | _        | _          |
|              | 22       | _            | H  | -            | <u> </u>   | ⊢        | <b>—</b> | H        | <u> </u>   | _   |   |          | 72       | _            | $\vdash$        | _        |          |          | 4        | -        | $\dashv$ | -        | ŀ   |          | 122        |          | _        | _        | _        | _        | -        | _        | _        |            |
|              | 23<br>24 | H            | H  |              | _  | ⊢        | ⊢        | ⊢        | <u> </u>   | _   |   |          | 73<br>74 | $\vdash$     | $\dashv$        | _        | -        | -        | -        | $\dashv$ |          |          | ŀ   |          | 123        | Н        | $\dashv$ | -        | _        | _        | $\Box$   | $\dashv$ | $\dashv$ | $\dashv$   |
| -            | 25       | ⊢            | -  | _            | ⊢  | ⊢        | $\vdash$ | -        | ⊢  | -   |   |          | 75       | $\vdash$     | $\vdash$        | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | ŀ   |          | 124<br>125 |          | -        |          | -        | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$   |
| <del> </del> | 26       | -            | -  |              | -  | ├        | -        |          | -  | $\vdash$  |   |          | 76       | $\vdash$     | $\vdash$        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | ŀ   |          | 126        |          |          | $\dashv$ | -        | -        | $\vdash$ |          | -        | $\dashv$   |
|              | 27       | $\vdash$     | -  |              | ╢  | ┢        | -        | -        | H  | Н   |   |          | 77       | $\vdash$     |                 | _        | ᅱ        | -        | 一        | -        | $\dashv$ | $\dashv$ | ŀ   |          | 127        | $\vdash$ | $\dashv$ | $\dashv$ | _        | _        | -        | $\dashv$ | $\dashv$ | $\dashv$   |
|              | 28       | -            |  | _            | <del> </del>                                     | $\vdash$ | _        | H        | H  | H   |   |          | 78       | -            |                 |          | $\dashv$ | ᅱ        | $\dashv$ |          | -        | $\dashv$ | -   |          | 128        | Н        | $\dashv$ | -        | _        | _        |          | $\dashv$ | $\dashv$ | $\dashv$   |
|              | 29       | _            |  |              | ┢  | $\vdash$ |          | Ι-       | -  | $\vdash$  |   |          | 79       | <del> </del> |                 | -        | 一        | ᅥ        | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ | ŀ   |          | 129        |          | -        | $\dashv$ | _        |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$   |
|              | 30       | Т            |  |              | Т  |          | $\vdash$ | ┢        |  | $\vdash$  |   |          | 80       |              | П               |          | $\dashv$ | 寸        | $\dashv$ | $\neg$   | $\neg$   | $\dashv$ | ŀ   |          | 130        | Н        |          | _        |          |          |          | $\dashv$ | $\dashv$ | $\dashv$   |
|              | 31       |              |  |              | Г  |          |          | M        |  |   |   |          | 81       | Г            |                 |          |          | 寸        | 寸        |          | $\neg$   | ┪        | - 1 |          | 131        | $\neg$   | $\dashv$ |          |          |          |          | $\dashv$ | _        | $\dashv$   |
|              | 32       |              |  |              |  |          |          | П        |  |   |   |          | 82       |              |                 |          | $\neg$   | ヿ        | ヿ        |          |          |          | ı   |          | 132        | М        |          |          |          |          |          | ヿ        | $\neg$   | ᅥ          |
|              | 33       |              |  |              | Г  |          |          |          |  |   |   |          | 83       |              |                 |          | $\neg$   | $\neg$   |          |          |          | ヿ        | Ī   |          | 133        |          |          | $\neg$   |          |          |          | ヿ        | $\neg$   | $\neg$     |
|              | 34       |              |  |              |  |          |          |          |  |   |   |          | 84       |              |                 |          |          |          |          |          |          |          | - [ |          | 134        |          |          |          |          |          |          |          |          | ╛          |
|              | 35       |              |  |              |  | $\Box$   | 匚        |          | $\Box$   | $\Box$  |   |          | 85       |              |                 |          | $\Box$   |          |          |          |          |          |     |          | 135        |          |          |          |          |          |          | 丁        |          |            |
| <u> </u>     | 36       | L            |  | <u> </u>     | L  |          | _        | Ш        | $oxed{oxed}$                                     | $\sqcup$  |   |          | 86       |              | Ш               |          |          | $\Box$   |          |          |          | $\Box$   |     |          | 136        |          |          |          |          |          |          |          |          | ╝          |
| <u> </u>     | 37       | <u> </u>     | _  | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> |          | $oxed{oxed}$                                     | L.  |   |          | 87       | Ш            | Щ               |          |          | [        |          |          | ]        | _        | Į   |          | 137        |          |          | _        |          |          |          | $\Box$   |          | ᆜ          |
| <u> </u>     | 38       | <u> </u>     | <u> </u>   | <u> </u>     | $\vdash$   | <u> </u> | ļ        | <u> </u> |  | <u> </u>  |   |          | 88       | $\vdash$     | Щ               | _        | _        | _        | _        | _        | _        | _        | ļ   |          | 138        | Щ        | $\sqcup$ |          |          |          | Ш        |          | _        | $_{\perp}$ |
| <u> </u>     | 39       | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u>   | _        | <u> </u> | $\vdash$ | -  | $\vdash$  |   |          | 89       | Щ.           | Щ               | $\sqcup$ | $\dashv$ |          | _        | _        | _        | _        | ļ   |          | 139        | Щ        | $\sqcup$ |          |          |          | Ш        | _        |          | _          |
| <u> </u>     | 40       | <del> </del> | -  | ┝            | <u> </u>   | 1        | <u> </u> | $\vdash$ | $\vdash$   | <u> </u>  |   | <u> </u> | 90       | <u> </u>     | -               | $\dashv$ | _        | -        | -        | _        | _        | $\dashv$ | ļ   |          | 140        | Щ        | $\dashv$ | _        | -        |          | Ш        | _        | _        | $\dashv$   |
| -            | 41<br>42 | -            | $\vdash$   | <del> </del> |  | $\vdash$ | $\vdash$ | $\vdash$ | -  | -   |   |          | 91<br>92 | -            | $\vdash$        |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | }   |          | 141        |          | $\dashv$ | _        | $\dashv$ |          | -        |          | $\dashv$ | $\dashv$   |
| $\vdash$     | 42       | $\vdash$     | $\vdash$   |              | $\vdash$   | $\vdash$ | ┢        | $\vdash$ | ⊢  | -   |   | -        | 93       | H            | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | }   |          | 142<br>143 | $\vdash$ | $\vdash$ | -        | _        | -        | Н        |          | $\dashv$ |            |
| -            | 44       |              | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$ | ┢        | $\vdash$ | <del>                                     </del> | $\vdash$  |   | $\vdash$ | 94       |              | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | }   |          | 144        | $\vdash$ | $\vdash$ | $\dashv$ |          | $\dashv$ | $\vdash$ | $\dashv$ |          | ᅴ          |
|              | 45       | -            |  | -            | $\vdash$   | $\vdash$ | ┢        | $\vdash$ | $\vdash$   | $\vdash$  |   | $\vdash$ | 95       | _            | $\vdash$        | -        | $\dashv$ | $\dashv$ | ᆉ        | $\dashv$ | -        | $\dashv$ | ŀ   |          | 145        | $\vdash$ |          | $\dashv$ | $\dashv$ | -        | $\vdash$ |          |          | $\dashv$   |
|              | 46       |              |  | H            | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   |   |   |          | 96       | H            | $\vdash$        | -1       | $\dashv$ | +        | ᅥ        | $\dashv$ | ᅱ        | $\dashv$ | ŀ   |          | 146        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | -        | $\dashv$   |
|              | 47       |              |  |              | <u> </u>   |          | Г        |          |  |   |   |          | 97       | _            | $\Box$          | $\neg$   | 一        | 1        | ᅥ        |          | 一        | ᅱ        | ŀ   | $\dashv$ | 147        | $\vdash$ | +        | $\dashv$ | $\neg$   | $\dashv$ | $\vdash$ | -        | $\dashv$ | $\dashv$   |
|              | 48       | T            |  | Г            |  | $\vdash$ | Г        | П        |  |   |   |          | 98       | _            | $\Box$          | $\dashv$ | $\dashv$ | _        | $\dashv$ |          | _        | $\dashv$ | f   |          | 148        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | Н        | $\dashv$ | $\dashv$ | ᅱ          |
|              | 49       |              |  |              |  |          |          |          |  |   |   |          | 99       |              | $\Box$          |          |          | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | f   |          | 149        | H        | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\neg$   | $\dashv$   |
|              | 50       |              |  |              |  | Π        |          |          | Г  |   |   |          | 100      |              |                 | $\neg$   | ヿ        | 寸        | 7        |          | T        |          | - 1 |          | 150        |          | _        | 一        | $\neg$   | $\neg$   |          | T        | 一        | ┪          |